

**WASTEWATER TREATMENT SYSTEM IMPROVEMENTS
GRANDVIEW, IOWA**

CONTRACTOR'S BID DATE: Thursday, May 5, 2022 @ 1:00 P.M.

PLACE FOR CONTRACTORS
TO SUBMIT BIDS:

City of Grandview
City Hall
104 S. Main Street
Grandview, Iowa 52752

ADDENDUM NO.1

April 22, 2022

TO ALL PLANHOLDERS:

The following changes, clarifications, additions, and/or deletions are hereby made a part of the contract documents for the above-referenced project, as fully and completely as if the same were fully set forth therein. All Bidders submitting a Bid on the above Contract shall carefully read this Addendum and give it consideration in the preparation of their Bid.

This Addendum No. 1 consists of the following:

- Addendum No. 1 pages ADN1-1 through ADN1-3
- Section 00400 Bid Form – ADDENDUM #1 (5 pages)
- Section 22 1005 Plumbing Piping (1 page)

CLARIFICATIONS:

1. The address for Grandview City Hall is 104 S. Main Street Grandview, Iowa 52752.
2. All gravity main sewer trenches and backfill shall be completed per SUDAS Figure 3010.103
3. Storm culverts shall be CMP.

SPECIFICATIONS:

1. **REPLACE SECTION 004000 BID FORM WITH THE ATTACHED** (changes highlighted)
2. **REFER TO SECTION 01 2000 PRICE AND PAYMENT PROCUDURES, 1.07:**
 - a. **I. DIVISION 22 - PLUMBING: REPLACE** "10-inch Plug Valve," with "4-inch Plug Valve."
3. **REFER TO SECTION 09 9000 PAINTINGS AND COATINGS, 3.06 E. SCHEDULE:**
 - a. **DELETE**
 - I. 1. System 1
 - II. 2. System 1A
 - III. 3. System 2
 - IV. 9. System 7


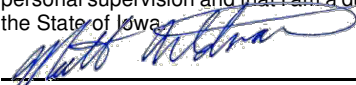
- V. 13. System 11
 - VI. 14. System 13
 - VII. 15. System 14
 - VIII. 16. System 15
 - b. **REPLACE 5. b. 1)** "Series 1 Omnithane," with "TN140."
 - c. **REPLACE 6. C. 2)** "Series 175 – Edura Shield," with "Series 1075 – Edura Shield."
 - d. **REPLACE 7. b. 1)** "Series 1 Omnithane," with "TN140."
 - e. **REPLACE 7. C. 2)** "740-Color UVX," with "Series 1094 Edura-Shield II."
 - f. **REPLACE 8. C. 3)** "750-Color UVX," with "Series 1095 Edura-Shield II."
 - g. **REPLACE 11. C. 2)** "750-Color UVX," with "Series 1095 Edura-Shield II."
 - h. **REPLACE 17. b. 1)** "Series 1 Omnithane," with "TN140."
- 4. **ADD SECTION 22 1005 PLUMBING PIPING** (See attached)
 - 5. **REFER TO SECTION 23 3300 AIR DUCT ACCESSORIES, 2.01A. MANUFACTURERS:**
 - a. **ADD** Anemostat - Arrow
 - 6. **DELETE SECTION 33 4211 STORM WATER GRAVITY PIPING**
 - 7. **REFER TO SECTION 33 3111 SANITARY SEWER PIPING – 2.02.B.7**
 - a. **DELETE 2.03 A 1** "AWWA C104 standard thickness interior cement lined with seal coat."
 - b. **REPLACE 2.03 A 2** "Bolts and nuts shall be Cor-Blue type coated bolts and nuts," with "Bolt and nuts material: Carbon Steel, ASTM A307, Grade B in dry structures; Stainless steel, ASTM A193/A194, Grade B8M inside wet structures including wet wells and structures holding water/wastewater."
 - 8. **REFER TO SECTION 46 5152 LAGOON AERATION EQUIPMENT – 2.06 FLOATING BAFFLE CURTAIN SYSTEM**
 - a. **ADD A** "Abasco LLC CoolGuard HRL36 is an approved equivalent"

PLANS:

- 1. **REFER TO SHEET C104 KEYNOTES:**
 - a. **DELETE FROM KEYNOTE 5:** "RCP"
 - b. **DELETE FROM KEYNOTE 6:** "RCP"
 - c. **DELETE FROM KEYNOTE 7:** "RCP"
 - d. **DELETE FROM KEYNOTE 8:** "RCP"
 - e. **REPLACE FROM KEYNOTE 9:** "RCP," with "CMP."
- 2. **REFER TO SHEET P101 PIPE AND FITTING KEYNOTES:**
 - a. **ADD TO KEYNOTE 24:** "Per Ferguson Model FNW30FU or Equal."
- 3. **REFER TO SHEET P601 – VALVE SCHEDULE:**
 - a. REMOVE AND REPLACE the following to the Gate/Valve Schedule:
 - 1) **REPLACE** "PV-2360-P, Outlet Manhole, 12-Inch, Plug Valve, Buried 2-inch SQ Nut, Lagoon Cell 3B Outlet," with "PV-2360-P, Outlet Manhole, 4-Inch, Plug Valve, Non-Buried 2-inch SQ Nut, Lagoon Cell 3B Weir Drain."

- 2) **REPLACE** "PV-2360-Q, Outlet Manhole, 12-Inch, Plug Valve, Buried 2-inch SQ Nut, Lagoon Cell 3B Outlet," with "PV-2360-K, Outlet Manhole, 12-Inch, Plug Valve, Non-Buried 2-inch SQ Nut, Lagoon Cell 3B Outlet."
- 3) **ADD** "PV-2360-J, Outlet Manhole, 12-Inch, Plug Valve, Non-Buried 2-inch SQ Nut, Lagoon Cell 3B Outlet."
- 4) **REPLACE** "PV-4004-P, Primary Splitter, 10", Plug Valve, Non-Buried, 2-inch SQ Nut, Primary Splitter Overflow," with "PV-4004-S, Primary Splitter, 4", Plug Valve, Non-Buried, 2-inch SQ Nut, Primary Splitter Overflow."
- 5) **REPLACE** "SG-5005-H" with "SG-5005-P"
- 6) **REPLACE** "SG-5005-J" with "SG-5005-Q"
- 7) **REPLACE** "SG-5005-P" with "SG-5005-J"
- 8) **REPLACE** "SG-5005-Q" with "SG-5005-K"
- 9) **REPLACE** "PV-5005-P, Secondary Splitter, 10", Plug Valve, Non-Buried, 2-inch SQ Nut, Secondary Splitter Overflow," with "PV-5005-S, Secondary Splitter, 4", Plug Valve, Non-Buried, 2-inch SQ Nut, Secondary Splitter Overflow."

All bidders shall acknowledge receipt and acceptance of Addendum No. 1 by signing in the space provided on the Bid Form. Bids submitted without Addendum No. 1 being acknowledged will be considered non-responsive.

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. 	Date: <u>4/22/22</u>
	MATTHEW JOHN WILDMAN, P.E.	
	License No. 17910 My renewal date is December 31, 2023	
	Pages or sheets covered by this seal: Addendum #1	

MATT WILDMAN
HR GREEN, INC.
8710 EARHART LANE
CEDAR RAPIDS, IOWA 52404
PHONE: (319) 841-4000

END OF ADDENDUM #1

**SECTION 00400
BID FORM**

BID TO: City of Grandview, IA
104 N. Main Street
Grandview, IA 52752-0100

- The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the Owner in the form included in the Contract Documents to perform the WORK as specified or indicated in said Contract Documents entitled:

Wastewater Treatment Improvements

- Bidder accepts all of the terms and conditions of the Contract Documents, including without limitation those in the Notice to Bidders and Instructions to Bidders, dealing with the disposition of the Bid Security.
- Schedule of prices for construction of Wastewater Treatment Improvements in accordance with the Contract Documents.

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
Division 1 – General					
1.01	Mobilization/Testing/Miscellaneous	LS	1	\$	\$
1.02	CDBG Project Sign	LS	1	\$	\$
1.03	WWTP Warning Signs	EA	8	\$	\$
1.04	Lagoon Sludge Removal	LS	1	\$	\$
Division 2 – Existing Conditions					
2.01	Demolition	LS	1	\$	\$
2.02	Clearing and Grubbing	LS	1	\$	\$
2.03	Fence Removal	LF	860	\$	\$
Division 3 – Concrete					
3.01	Blower Building Foundation	LS	1	\$	\$
3.02	Generator Foundation & Pad	LS	1	\$	\$
3.03	Lift Station Transformer Pad	LS	1	\$	\$
3.04	Concrete Sidewalk and Steps	LS	1	\$	\$
3.05	Bollards	EA	12	\$	\$
3.06	Lagoon Cell 3 Inlet Manhole, MH-2320	LS	1	\$	\$
3.07	Lagoon Cell 3 Outlet Manhole, MH-2360	LS	1	\$	\$
3.08	Primary Splitter Structure, TK-4004	LS	1	\$	\$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
3.09	Secondary Splitter Structure, TK-5005	LS	1	\$	\$
3.10	SAGR Level Control Manhole, TK-5810	LS	1	\$	\$
3.11	UV Disinfection Structure	LS	1	\$	\$
3.12	Effluent Metering Manhole, MH-8120	EA	1	\$	\$
Division 4 – Masonry					
4.01	Blower Building	LS	1	\$	\$
Division 5 – Metals					
5.01	Aluminum Plank	SF	244	\$	\$
5.02	Aluminum Grating	SF	110	\$	\$
Division 9 – Finishes					
9.01	Paints and Coatings	LS	1	\$	\$
Division 22 – Plumbing					
22.01	5/8" Ball Valve	EA	1	\$	\$
22.02	3" Ball Valve	EA	1	\$	\$
22.03	4" Butterfly Valve	EA	12	\$	\$
22.04	6" Butterfly Valve	EA	11	\$	\$
22.05	4" Plug Valve	EA	3	\$	\$
22.06	12" Plug Valve	EA	5	\$	\$
Division 23 – HVAC					
23.01	Blower Building HVAC	LS	1	\$	\$
Division 25 – Integrated Automation					
25.01	Radar Level Detector/Transmitter	EA	1	\$	\$
25.02	Control Panel CP-100	LS	1	\$	\$
25.03	Alarm Dialer & Wiring/Conduit	LS	1	\$	\$
Division 26 – Electrical					
26.01	New Engine-Generator & Wiring	LS	1	\$	\$
26.02	Blower Building Electrical	LS	1	\$	\$
26.03	UV Electrical	LS	1	\$	\$
Division 31 – Site Work					
31.01	Site Restoration	LS	1	\$	\$
31.02	Excavation	LS	1	\$	\$
31.03	Backfill	LS	1	\$	\$
31.04	Clay Berm Material	CY	450	\$	\$

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
31.05	Uniform Graded Clean Rock	CY	3,620	\$	\$
31.06	Gravel Landscape	SF	12,451	\$	\$
31.07	Gravel Drive	SF	17,712	\$	\$
31.08	Gravel Overlay	SF	8,711	\$	\$
31.09	Insulating Mulch	CY	280	\$	\$
31.10	Non-Woven Geotextile	SF	35,320	\$	\$
31.11	SAGR HDPE Liner	SF	22,300	\$	\$
31.12	Wall Framing and Sheathing	LF	990	\$	\$
31.13	Rip Rap, Class E	CY	100	\$	\$
Division 32 – Exterior Improvements					
32.01	Metal Swing Tube Gate, 20 feet	EA	2	\$	\$
32.02	Metal Swing Tube Gate, 4 feet	EA	1	\$	\$
32.03	Fencing, Woven Wire	LF	2,379	\$	\$
Division 33 – Utilities					
33.01	Fill & Plug Piping	LF	125	\$	\$
33.02	10" PVC Piping	LF	291	\$	\$
33.03	12" PVC Piping	LF	717	\$	\$
33.04	8" HDPE Field Tile	LF	50	\$	\$
33.05	12" HDPE Field Tile	LF	50	\$	\$
33.06	6" Aeration Header Piping, Stainless Steel	LF	73	\$	\$
33.07	4" Aeration Header Piping, HDPE	LF	82	\$	\$
33.08	6" Aeration Header Piping, HDPE	LF	245	\$	\$
33.09	15" Culvert, CMP	LF	95	\$	\$
33.10	15" Apron, Metal	EA	4	\$	\$
33.11	Sanitary Sewer Manhole Improvements	LS	1	\$	\$
33.12	Sanitary Sewer Replacement, 8" PVC	LF	15	\$	\$
Division 35 – Waterway and Marine Construction					
35.01	14" Slide Gate	EA	8	\$	\$
35.02	Turtle Guard, Lagoon Influent Pipes	EA	1	\$	\$
35.03	Turtle Guard, Lagoon Draw Pipes	EA	2	\$	\$
35.04	12" Animal Guard, Outfall	EA	1	\$	\$
Division 43 – Process Gas and Liquid Handling, Purification, and Storage Equipment					

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
43.01	UV Disinfection Equipment & Install	LS	1	\$	\$
Division 44 – Pollution and Waste Control Equipment					
44.01	Composite Sampler	EA	1	\$	\$
44.02	SAGR Equipment & Installation	LS	1	\$	\$
Division 46 – Water and Wastewater Equipment					
46.01	Lagoon Aeration Equipment & Installation	LS	1	\$	\$
46.02	Baffle Curtain	LS	1	\$	\$
TOTAL ITEM 1.01 THROUGH 46.02					

4. Name of person who inspected site of proposed WORK for your firm:

Name: _____ Date of Inspection: _____

5. Bidder has examined copies of all the Contract Documents including the following addenda (receipt of all of which is hereby acknowledged):

Number _____ Date _____

6. Failure to acknowledge addenda may render the Bid non-responsive and be cause for its rejection. Bidder has familiarized itself with the nature and extent of the Contract Documents, WORK, site, locality where the WORK is to be performed, the legal requirements (federal, state and local laws, ordinances, rules and regulations), and the conditions affecting cost, progress or performance of the WORK and has made such independent investigations as Bidder deems necessary.
7. The Bidder hereby agrees to comply with the additional requirements listed below which are included in this proposal and identified as Bid Form attachments:

ITEM NO.	DESCRIPTION OF ATTACHMENT
1.	Bidder Status Form and Worksheet: Authorization to Transact Business
2.	Questionnaire, Section 00450
3.	SRF Attachments 1, 2, 3, 4, 5 & 10
4.	Intent to comply with Section 3 Requirements
5.	Request for Contractor Eligibility Form

To all the foregoing, and including all Bid Forms contained in this Bid, said Bidder further agrees to complete the WORK required under the Contract Documents within the Contract Time

stipulated in said Contract Documents, and to accept in full payment therefore the Contract Price based on the Total Bid Price(s) named in the aforementioned Bid Form.

Signed this _____ day of _____, 2022.

By: _____
(Firm Name)

(Signature)

(Typed or Printed Name)

(Title)

(1) BIDDER's name and address:

(2) BIDDER's telephone numbers, and e-mail address:

(3) Federal Tax I.D. No.: _____ Iowa Contractor License No.: _____

(DO NOT OMIT)

(4) BIDDER's authorized agent for contract execution: _____
Name and Title

(5) BIDDER's attesting agent for contract execution: _____
Name and Title

(6) BIDDER's type of business: _____
(Corporation, partnership, individual, etc.)

END OF SECTION 00400

**SECTION 22 1005
PLUMBING PIPING**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Pipe, pipe fittings, specialties, and connections for piping systems.
 - 1. Ball valves.

1.02 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

1.03 QUALITY ASSURANCE

- A. Valves: Manufacturer's name and pressure rating marked on valve body.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Accept valves on site in shipping containers with labeling in place. Inspect for damage.
- B. Provide temporary protective coating on cast iron and steel valves.
- C. Provide temporary end caps and closures on piping and fittings. Maintain in place until installation.
- D. Protect piping systems from entry of foreign materials by temporary covers, completing sections of the work, and isolating parts of completed system.

PART 2 PRODUCTS

2.01 GENERAL REQUIREMENTS

- A. Potable Water Supply Systems: Provide piping, pipe fittings, and solder and flux (if used), that comply with NSF 61 and NSF 372 for maximum lead content; label pipe and fittings.

2.02 BALL VALVES

- A. Manufacturers:
 - 1. Conbraco Industries; www.apollovalves.com
 - 2. Milwaukee Valve Company; www.milwaukeevalve.com
 - 3. Grinnell Products: www.grinnell.com/#sle.
 - 4. Nibco, Inc: www.nibco.com/#sle.
- B. Construction, 4 Inches and Smaller: MSS SP-110, Class 150, 400 psi CWP, bronze or ductile iron body, 304 stainless steel or chrome plated brass ball, regular port, teflon seats and stuffing box ring, blow-out proof stem, lever handle with balancing stops, threaded or grooved ends with union.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with manufacturer's instructions.

END OF SECTION